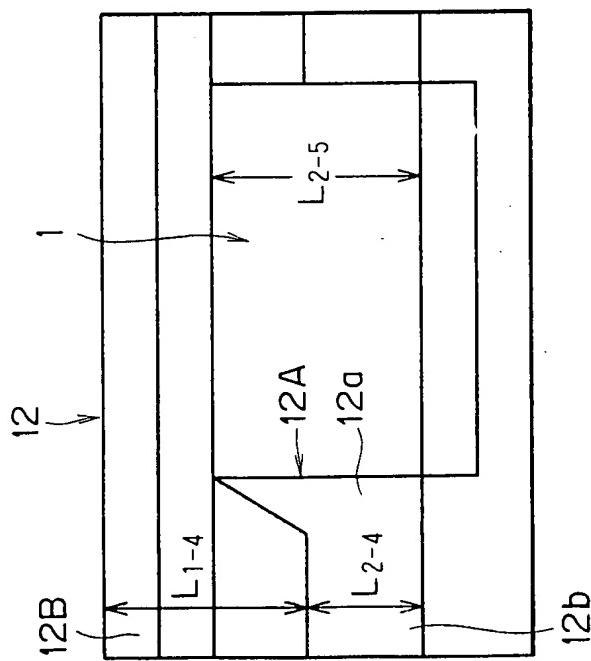




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**F I G. 1A**



$L_{2-4} = L_{2-1}$ ,  $L_{1-4} = L_{1-1}$ ,  $L_{2-5} > L_{2-1}$



$l_{1-4} = l_{1-1}$ ,  $W_4 > W_1$ ,  $W_4' = W_1$

12A

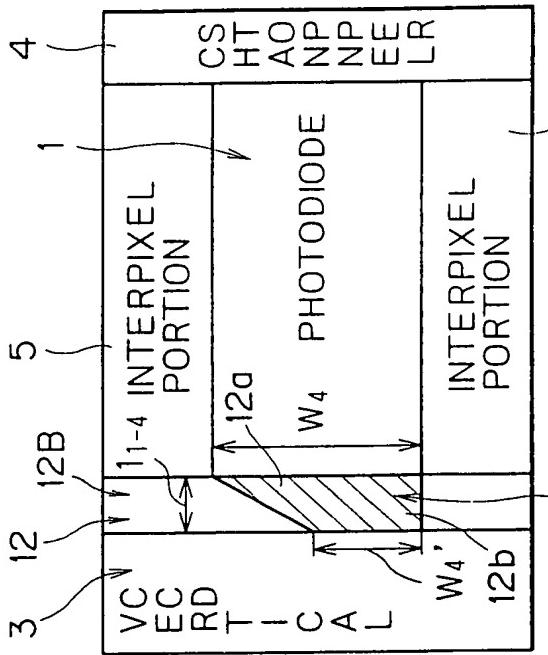




FIG. 2A

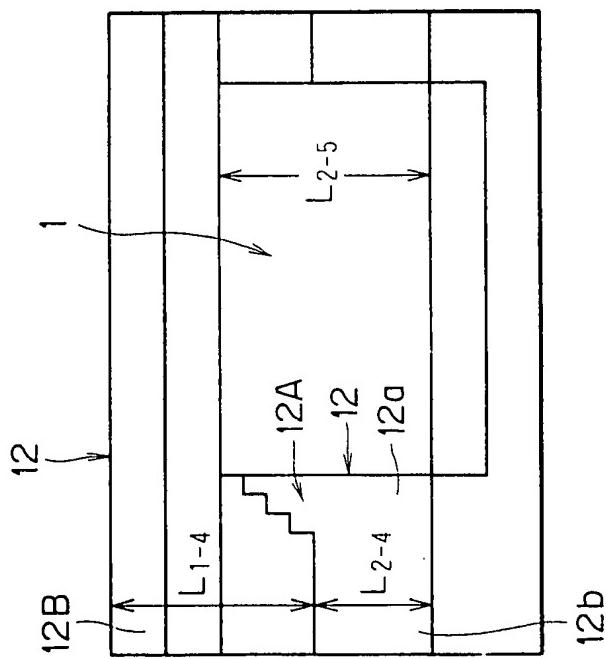
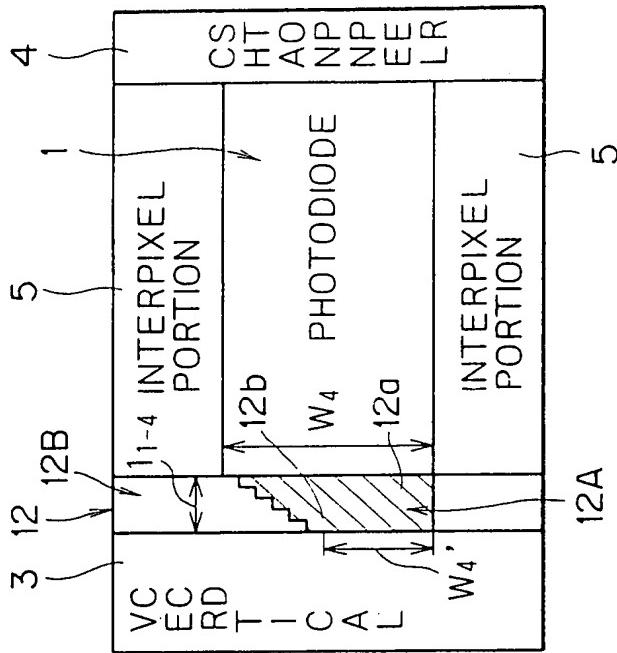


FIG. 2B



$L_{2-4} = L_{2-1}$ ,  $L_{1-4} = L_{1-1}$ ,  $L_{2-5} > L_{2-1}$

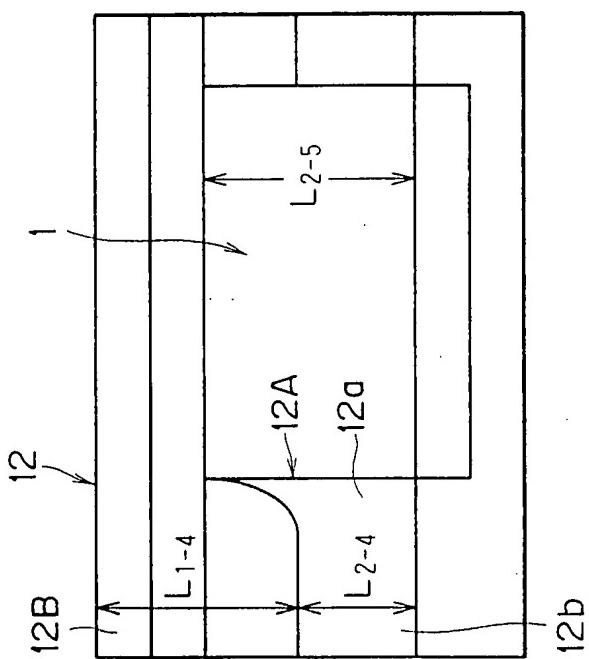
$l_{1-4} = l_{1-1}$ ,  $W_4 > W_1$ ,  $W_4' = W_1$

GATE WHICH IS NOT RELATED TO READOUT  
 READOUT GATE



### FIG. 3A

E - G. 3B



$$L_{2-4} = L_{2-1}, \quad L_{1-4} = L_{1-1}, \quad L_{2-5} > L_{2-1}$$

$$1_{1-4} = 1_{1-1}, W_4 > W_1, W_4 = W_1$$

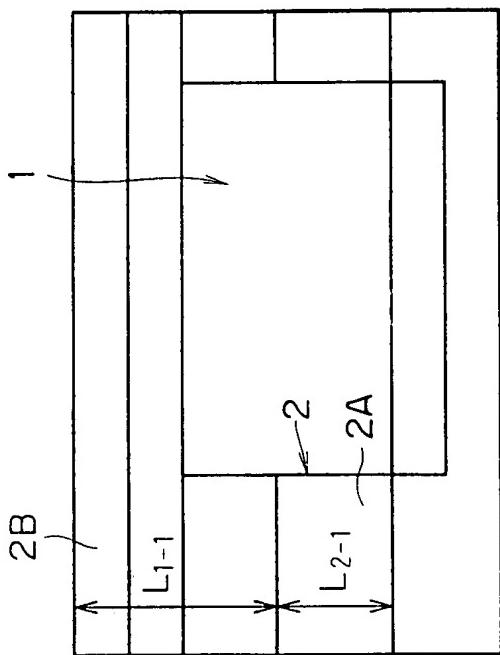
GATE WHICH IS  
READOUT GATE

GATE WHICH IS NOT RELATED TO READOUT

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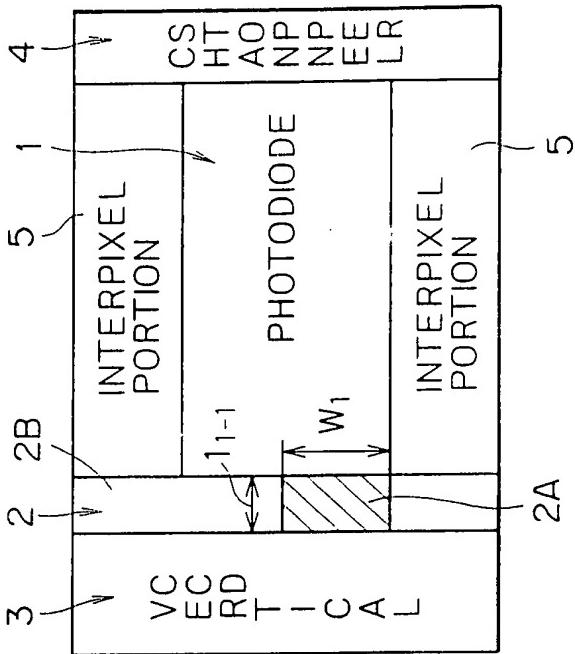


**FIG. 4A**  
**(RELATED ART)**



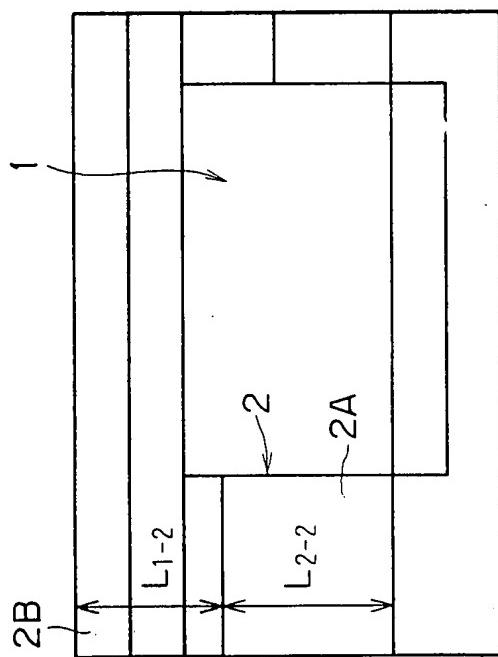
GATE WHICH IS NOT RELATED TO READOUT  
 READOUT GATE

**FIG. 4B**  
**(RELATED ART)**

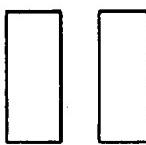




# F | G 5A (RELATED ART)

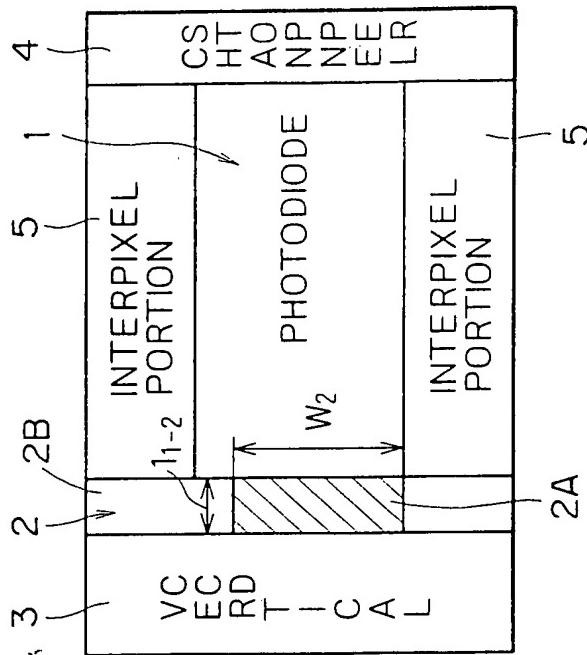


$L_{1-2} < L_{1-1}$ ,  $L_{2-2} > L_{2-1}$



GATE WHICH IS NOT RELATED TO READOUT

READOUT GATE

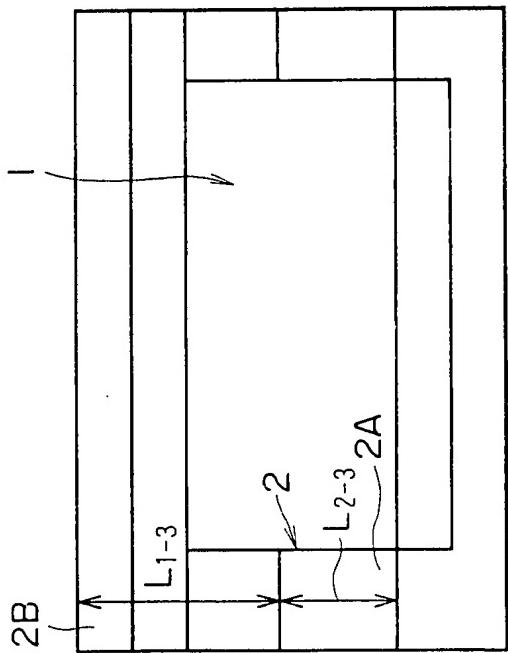


$1_{1-2} = 1_{1-1}$ ,  $W_2 > W_1$

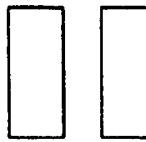


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Inventors: Satoshi Kitayama, et al.  
Application No. 09/453,592  
Docket No. 09792909-4405  
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## F | G. 6A (RELATED ART)



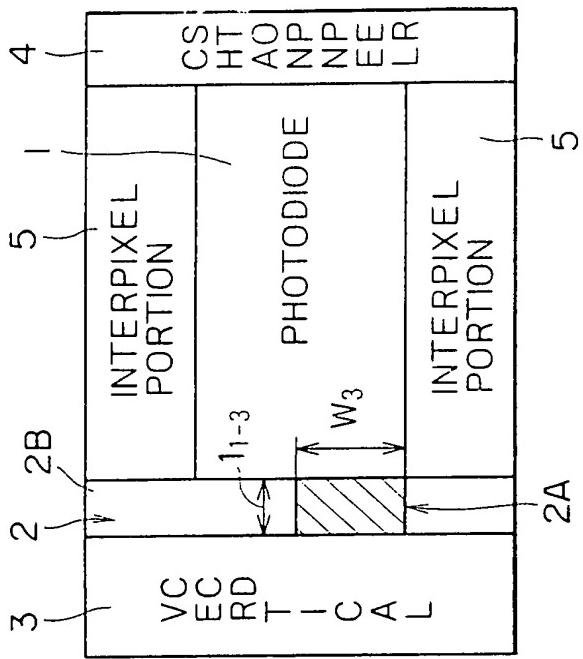
$$L_{1-3} = L_{1-1}, \quad L_{2-3} = L_{2-1}$$



GATE WHICH IS NOT RELATED TO READOUT

READOUT GATE

## F | G. 6B (RELATED ART)



$$1_{1-3} < 1_{1-1}, \quad W_3 = W_1$$



FIG. 7  
(RELATED ART)

